Use Attainability Analysis

for

WBID 0273 Bee Creek

Submitted by Tetra Tech, Inc

To Missouri Department of Natural Resources Water Protection Program

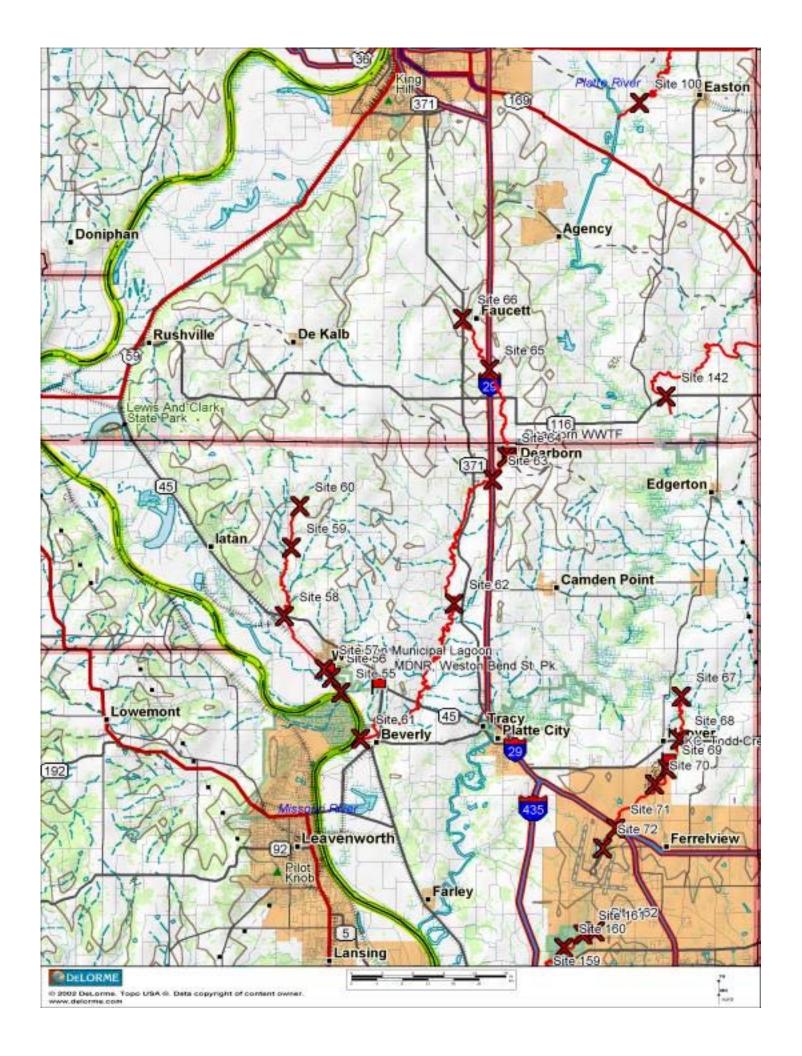
REGENCED

APR 6 6 2005

Field Data Sheets for Recreational Use Stream Surveys WATER PROTECTION PROGRAM

Data Sheet A - Water Body Identification

	Water Body Name: (from USGS 7.5' quad) BEE CAEEK: 61-66		
	8-digit HUC: 0240011		
	Missouri WBID #: 02つろ		
	County: DE KALB		
	Upstream Legal Description:		
	Downstream Legal Description:		
	Upstream Coordinates: (UGS 84, ddd.ddddd) 31.59135 - 094.807383		
	Downstream Coordinates: (UGS 84, ddd.ddddd) 34.38169 -094.86413		
	Discharger Facility Name(s):	Dearborn www.	
	Discharger Permit Number(s):		3251
	Number of Sites Evaluated: 6		
	Name of Surveyor and Telephone Number: ADAM (187776; 418	756-3113	
	Organization: TETAA TECH INC.		
	Position: ASSOCIATE SCIUNTIST		
	the undersigned, hereby affirm to the best of my knowledge, tasheet is true and accurate.	that all information reported	on this UAA
Si	gned: San Aut	Date: 3/29/05	-



Data Sheet B - Site Characterization

(A separate data sheet must be completed for each site)

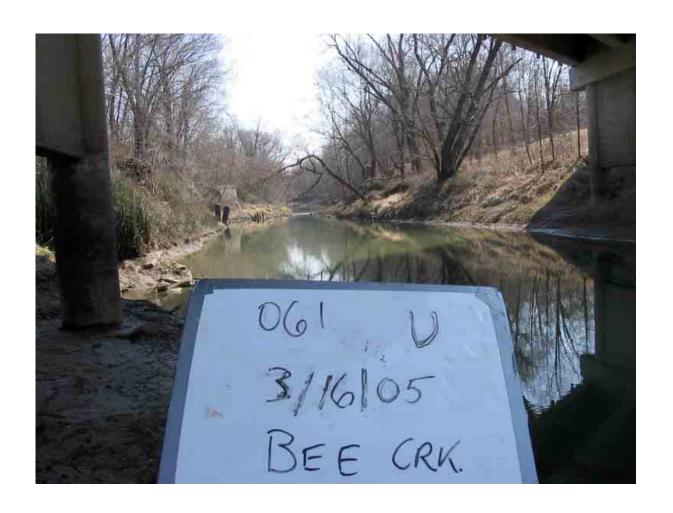
Missouri WBID #:	GI ALTERNATE		Site Location Des	-	
Site GPS Coordinates:		.8649	13 Where 46 (CAOSSES TREAM	
Date & Time: 3 1160		1,7 - 7	Facility Name:	DEAR BURN WWT)
Personnel:	7 1 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3		Permit Number:		
Current Weather Condit	ions: JUNLY 40	35	Weather Condition	ons for Past 7 days:	
Photo Ids: Upstream:	12 ox /6/3C Down	nstream:	83 90 1614C Other:		
01 / 14					
es Observed*:	T				<u> </u>
☐ Swimming	☐ Skin diving		SCUBA diving	☐ Tubing	☐ Water skiing
☐ Wind surfing	Kayaking/	1	Boating	☐ Wading	Rafting
☐ Hunting	Trapping A		Fishing AL	☐ None of the above	Other:
Describe: (include num	per of individuals recr	eating, fr	requency of use, photo-d	ocumentation of evidence	of recreational uses, et
Describe: (include number of the AST WASTER OF THE SECOND	ber of individuals recr Survey 18	400 C	AL	es. Attach photos of evidence	
Describe: (include number of the second of t	ber of individuals recr Survey 18	Hen C	AL	OVD.	
Describe: (include number of interest.)	ns*: (Mark all that p	Tomote o	AL r impede recreational us	es. Attach photos of evide	nce or unusual
Describe: (include number of interest.)	ns*: (Mark all that pr	Tomote o	or impede recreational us	es. Attach photos of evide	nce or unusual
Prounding Conditions of interest.) City/county parks Boating accesses No trespass sign	ns*: (Mark all that p	romote o	or impede recreational us	es. Attach photos of evide	nce or unusual
Pay Tay Tounding Conditions of interest.) □ City/county parks □ Boating accesses	ns*: (Mark all that p	romote o	or impede recreational us	es. Attach photos of evide	nce or unusual ☐ Campgrounds ☐ Stairs/walkway
Parounding Conditions of interest.) City/county parks Boating accesses No trespass sign	ns*: (Mark all that property of the state parks Fence Fen	romote o	AL or impede recreational us Conservation lands onal forests p slopes	es. Attach photos of evide Urban areas Nature trails Other:	nce or unusual

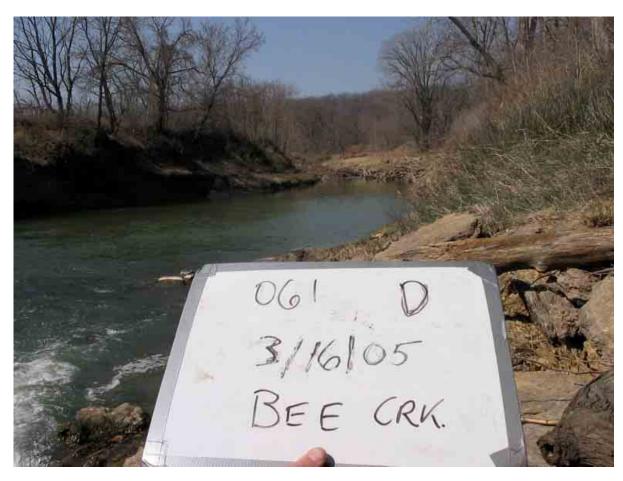
other items that may be of interest. (Include photographs)

*Some of this information is not intended to directly influence a decision on any one particular recreational use analysis but may point to conditions that need further analysis or that effect another use.

Page Two - Data Sheet B for WBID # OC | ACTECUATE

tream Mor Upstream	_ ~	/: Physical Di	mensions:					
□ Riffle	Width (Length (ft):	A	vg. Depth ((ft):	Max. Depth (ft):	
□ Run	Width (ft):	Length (ft):	A	vg. Depth ((ft):	Max. Depth (ft):	
Pool	Width (ft): 2-0m	Length (ft):	20m A	vg. Depth ((ft): 1.5m	Max. Depth (ft):	>1.5m
Flow	Present	(,	ONO NA TOO	Slow E	stimated (ft		imb	
Downstre	am Vie	w Physical	Dimensions:					
☐ Riffle	Width (Length (ft):	A	vg. Depth ((ft):	Max. Depth (ft):	
☐ Run	Width (ft):	Length (ft):	A	vg. Depth ((ft):	Max. Depth (ft):	<u> </u>
Pool	Width (19:22 m	Length (ft):			(ft): 1,5mes		>2m
Flow	Present	Yes	□ No	Е	stimated (fi	3/sec): 6.09	5mls	
0 9	6 Cobble		o Gravel	% Sand	9	O % Silt	% Mud/Clay	% Bedrock
Vater Char	No acterist		all that apply.)		· · · · · · · · · · · · · · · · · · ·			
Odor:		☐ Sewage	☐ Musky	☐ Chem	ical	None	☐ Other:	
Color:		☐ Clear	Green	Gray		☐ Milky	☐ Other:	
Bottom De	posit:	☐ Sludge	☐ Solids	Fine s	sediments	□ None	☐ Other:	
Surface De	posit:	□ Oil	☐ Scum	☐ Foam		None	☐ Other:	
This information on the ecision on the the understatasheet is	ion is not understar recreation signed,	to be used soluding of water a use analysis hereby affi	ely for removal of conditions. Conse but may point to co	a recreational equently, this conditions that	l use design information t need furth wledge, th	nation but rather n is not intende er analysis or th	rviews) to this form is to provide a more d to directly influence nat effect another use. mation reported o	a
igned: <u>(</u>	May Ti	RUS AIT			_Date:	n:		
Organization	Au	Ma	m Yorks		Position			<u> </u>





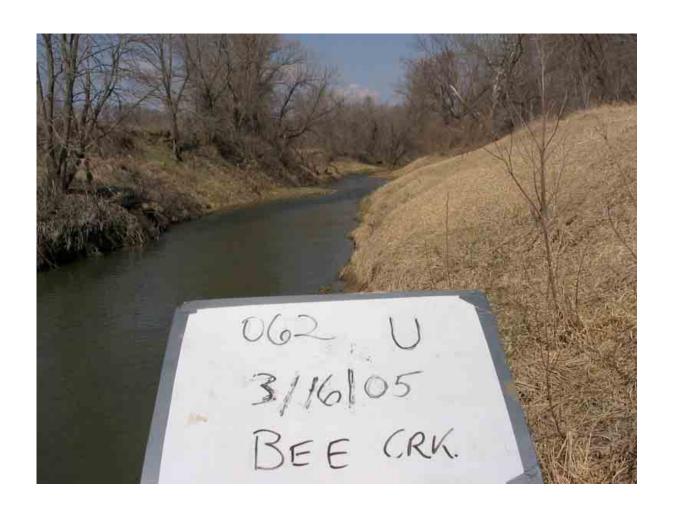
Data Sheet B - Site Characterization

(A separate data sheet must be completed for each site)

Site GPS Coordinates:	62 20 44202/-	094.8130	S G OBTORE C	profite week woods	VF
	-05/1:00pm	<u> </u>	Facility Name:	DESEDORN WUTT	
Personnel: Aug Aug			Permit Number		
Current Weather Conditi		7/1°		ions for Past 7 days:	
Photo Ids: Upstream: 🎖			5 up 16/16 Other		
<u> </u>	100 14/3 0 1-3	,) sa(11,0 C 1		•
es Observed*:					
☐ Swimming	☐ Skin diving	□s	CUBA diving	☐ Tubing	☐ Water skiing
☐ Wind surfing	Kayaking -	AR □ B	oating	☑ Wading	☐ Rafting
₩ Hunting AR	Trapping A	Ų.F	shing AL	☐ None of the above	☐ Other:
Are Affirmed	KRWTET D	9 (54) - <i>D</i> A	} 		
rrounding Condition				uses. Attach photos of evide	nce or unusual
		promote or i			nce or unusual Campgrounds
rrounding Condition	ns*: (Mark all that p	promote or i	mpede recreational	uses. Attach photos of evide	
rrounding Condition ns of interest.) □ City/county parks	ns*: (Mark all that p □ Playgrounds	oromote or i	mpede recreational conservation lands al forests	uses. Attach photos of evide	☐ Campgrounds
rrounding Condition ns of interest.) City/county parks Boating accesses No trespass sign	ns*: (Mark all that p Playgrounds State parks Fence	oromote or i	mpede recreational conservation lands al forests	uses. Attach photos of evide Urban areas Nature trails	☐ Campgrounds
rrounding Condition ns of interest.) City/county parks Boating accesses	ns*: (Mark all that p Playgrounds State parks Fence	oromote or i ☐ MDC o ☐ Nation ☐ Steep s	mpede recreational conservation lands al forests	uses. Attach photos of evide Urban areas Nature trails	☐ Campgrounds
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rrounding Condition ms of interest.) City/county parks Boating accesses No trespass sign idence of Human Us	Playgrounds ☐ Playgrounds ☐ State parks ☐ Fence	oromote or i ☐ MDC o ☐ Nation ☐ Steep s	mpede recreational conservation lands al forests lopes Dock/platform	uses. Attach photos of evide Urban areas Nature trails Other:	☐ Campgrounds ☐ Stairs/walkway

*Some of this information is not intended to directly influence a decision on any one particular recreational use analysis but may point to conditions, that need further analysis or that effect another use.

age Two - Data	Sheet B for V	VBID# <u>00み</u>	· ·		3m 10s	
tream Morpholo	gy:	-	12		34. 105	
Upstream View	Physical Dir	mensions: .5	5, ,51, 49, 5	56,.55	3m les	:
☐ Riffle Widt	h (ft):	Length (ft):	Avg. Depth	(ft):	Max. Depth (ft):	
X Run Widt	h (ft): T.2m	Length (ft):	Om Avg. Depth	(ft): 0,53h	Max. Depth (ft):	lon.
□ Pool Widt	h (ft):	Length (ft):	Avg. Depth	(ft):	Max. Depth (ft):	
Flow Prese	nt? XYes	□ No	Estimated (f	13/sec): MC ()	·35m/s	
Downstream V	iew Physical	Dimensions:	1, 2, 25, 3	ו וגי דו	45 4.5~	454
\	h (ft): 7 m		Avg. Depth		Max. Depth (ft): O	27h
<u> </u>	h (ft):	Length (ft):	Avg. Depth	<u> </u>	Max. Depth (ft):	1.4.11
□ Pool Widt	h (ft):	Length (ft):	Avg. Depth	(ft):	Max. Depth (ft):	· · · · · · · · · · · · · · · · · · ·
Flow Prese	nt? XYes	□ No	Estimated (#	ilsec): AMC	.04m/s	
						
ibstrate*: (Thes		dd up to 100%.) Gravel	% Sand	% Silt	% Mud/Clay	07 D. J
10 % 0000	ne jo k	Giavei	70 Sand 1	70 SIII	70 Iviud/Clay	% Bedroo
ater Character	istics*: (Mark	all that apply.)				• • •
Odor:	☐ Sewage	☐ Musky	Chemical	None	☐ Other:	
Color:	☐ Clear	☐ Green	Gray	☐ Milky	☐ Other:	
Bottom Deposit:	☐ Sludge	☐ Solids	Fine sediments	□ None	☐ Other:	
Surface Deposit:	□ Oil	☐ Scum	☐ Foam	None	☐ Other:	
This information is mprehensive unders cision on the recrea	ot to be used solutanding of water tion use analysis	ely for removal of a conditions. Conse- but may point to co	recreational use design quently, this information anditions that need furth	nation but rather on is not intended ner analysis or th	to directly influence a at effect another use.	ALI. YYA A
atasheet is true :			n my knowieage, t	nat an iniori	nation reported on	INIS UAA
igned: <u> </u>	y Eles		Date:	3/14/05		
rganization:	e - But		Positio	n: & C. T		
1	Man	n form	V 3.	-16-05		





Data Sheet B - Site Characterization

(A separate data sheet must be completed for each site)

\	Missouri WBID#:	\mathcal{E}_{i}		Site Location Des	-	
ne for	Site GPS Coordinates: 3		714. 7866	When 29	aver PAY)	
	Date & Time: 3-16-0	5/1839m		Facility Name:	DEAR BURN WINT	>
	Personnel: AVR, AW	<u>ت</u>		Permit Number:		
	Current Weather Condition	ons: Dury; 50	ſ	Weather Condition	ns for Past 7 days:	
	Photo Ids: Upstream:	1 UR 1618C DOW	nstream: 🎉	GRIGHT Other:	88 00 /4/9 : NE	r PAIS
Us	es Observed*:					
į	☐ Swimming	☐ Skin diving	□ sc	UBA diving	☐ Tubing	☐ Water skiing
	☐ Wind surfing	□ Kayaking	□Во	ating	☐ Wading	□ Rafting
	☐ Hunting		₽ Tis		☐ None of the above	Other:
	Describe: (include numbe	of individuals recr	eating, frequ	1	ocumentation of evidence	of recreational uses, etc.)
	Assumed b	ased in the	ctum t c	molitims. N	ζ	
					· · · · · · · · · · · · · · · · · · ·	
	rrounding Condition	s*: (Mark all that p	romote or im	pede recreational us	es. Attach photos of eviden	ce or unusual
1001	☐ City/county parks	☐ Playgrounds	☐ MDC co	nservation lands	☐ Urban areas	☐ Campgrounds
	☐ Boating accesses	☐ State parks	☐ National	forests	☐ Nature trails	☐ Stairs/walkway
	☐ No trespass sign	☐ Fence	Steep slo	ppes	Other: ASCITUM	OMFE PAS)
Ev	idence of Human Use	e*:	,			
	□ Roads	☐ Foot paths/prin	nts 🗆 I	Oock/platform	☐ Livestock Watering	□ RV / ATV Tracks
	☐ Rope swings	☐ Camping Sites	□F	ire pit/ring	☐ NPDES Discharge	☐ Fishing Tackle
	☐ Other:					
	e Locations Map(s): her items that may be o				nent sites clearly labele	d. Mark any
	y point to conditions that n		or that effect	another use.	ne particular recreational us	e analysis but
		0 /04.				

atasheet is true and accurate	Length (ft): Length (ft): Length (ft): No Dimensions: Length (ft): Length (ft):	Avg. Depth (ft): Estimated (ft³/sec):	Max. Depth (ft): 3
Run Width (ft):	Length (ft): Length (ft): No Dimensions: Length (ft): Length (ft):	Avg. Depth (ft): 0,(Avg. Depth (ft): Estimated (ft ³ /sec): 4	Max. Depth (ft): 0, 9m. Max. Depth (ft): 0.09 = 0.04 m/s
Pool Width (ft): Powler Physical Riffle Width (ft): Pool	Length (ft): Dimensions: Length (ft): Length (ft):	Avg. Depth (ft): Estimated (ft³/sec): 4: 2,	Max. Depth (ft):
Pool Width (ft): Power Physical Riffle Width (ft): Pool W	Length (ft): Dimensions: Length (ft): Length (ft):	Estimated (ft³/sec): (±	DI 0.09 = 0.09 mb
Downstream View Physical Riffle Width (ft): 7 m Run Width (ft): 7 m Pool Width (ft): 7 m Pool Width (ft): 7 m Flow Present? Yes Present?	Dimensions: Length (ft):	2,15,1,2,15	
Riffle Width (ft): 7m Run Width (ft): 7m Pool Width (ft): Yes Abstrate*: (These values should a feet to be compared to the	Length (ft): ————————————————————————————————————	4,15,1,2,15	les 25 3m 3m
Riffle Width (ft): 7 m Run Width (ft): Pool Width (ft): Yes Present?	Length (ft): ————————————————————————————————————		of myle 3m
Run Width (ft): Pool Width (ft): Flow Present? Yes bstrate*: (These values should a 10 % Cobble % quatic Vegetation*: (note amount of the cobole % ater Characteristics*: (Mark Odor: Sewage Color: Sludge Surface Deposit: Sludge Surface Deposit: Oil comments: Please attach additional information is not to be used soluprehensive understanding of water cision on the recreation use analysis the undersigned, hereby affit tasheet is true and accurate		/	Max. Depth (ft): 0, 2m
bstrate*: (These values should a bstrate*: (Mark Cobor: Sewage Color: Sewage Color: Sewage Color: Sewage Color: Sludge Surface Deposit: Sludge Surface Deposit: Oil comments: Please attach additional information is not to be used soluprehensive understanding of water is information in the recreation use analysis the undersigned, hereby affit tasheet is true and accurate		Avg. Depth (ft):	Max. Depth (ft):
ater Characteristics*: (Mark Odor: Sewage Color: Sludge Surface Deposit: Oil omments: Please attach additions information is not to be used soluprehensive understanding of water ision on the recreation use analysis the undersigned, hereby affitasheet is true and accurate	Length (ft):	Avg. Depth (ft):	Max. Depth (ft):
ater Characteristics*: (Mark Odor: Sewage Color: Sludge Surface Deposit: Sludge Surface Deposit: Oil omments: Please attach additions information is not to be used solumprehensive understanding of water cision on the recreation use analysis the undersigned, hereby affitasheet is true and accurate	□ No	Estimated (ft ³ /sec).	0.176 m/s.
Bottom Deposit: Sludge Surface Deposit: Oil omments: Please attach additions information is not to be used soluprehensive understanding of water ision on the recreation use analysis the undersigned, hereby affitasheet is true and accurate		algal growth at the assessment site	□ Other:
Surface Deposit: Oil Omments: Please attach additions information is not to be used solumprehensive understanding of water cision on the recreation use analysis the undersigned, hereby affitasheet is true and accurate	□ Solids	☐ Fine sediments ☐ None	☐ Other:
omments: Please attach addition is information is not to be used solution in the prehensive understanding of water cision on the recreation use analysis the undersigned, hereby affitasheet is true and accurate	□ Scum	Foam None	☐ Other:
gned: <u>(UM)(M)</u>	ely for removal of a r conditions. Conse	a recreational use designation but requently, this information is not intonditions that need further analysis	rather is to provide a more tended to directly influence a sor that effect another use.
ganization: 1t - 0T		Date: 3/18 Position: 2-(6-	VIW







Data Sheet B - Site Characterization
(A separate data sheet must be completed for each site)

Site GPS Coordinates: Date & Time: 3-16	-05/2: 15PM		Facility Name:	DEMOGRA WITH	
Personnel:	AHA		Permit Number:	DOMONO COLL	
Current Weather Conditi		701		ons for Past 7 days:	· · · · · · · · · · · · · · · · · · ·
Photo Ids: Upstream: 9				1: 89 42/620 -LOG TAM	
	3.7001	·········			
es Observed*:	T			T	
☐ Swimming	☐ Skin diving		SCUBA diving	☐ Tubing	☐ Water skiing
☐ Wind surfing	☐ Kayaking		l Boating	☐ Wading	☐ Rafting
☐ Hunting	☐ Trapping		Fishing AC	None of the above documentation of evidence	Other: LOTTER
				ses. Attach photos of evide	nce or unusual
rrounding Condition	ns*: (Mark all that p	promote c	or impede recreational u		1
rrounding Condition ns of interest.) City/county parks	ns*: (Mark all that p	promote c	or impede recreational u	☐ Urban areas	☐ Campgrounds
rrounding Condition ns of interest.) City/county parks Boating accesses	ns*: (Mark all that p Playgrounds State parks	promote o	or impede recreational u C conservation lands ional forests	☐ Urban areas ☐ Nature trails	☐ Campgrounds ☐ Stairs/walkway
rrounding Condition ns of interest.) City/county parks Boating accesses No trespass sign idence of Human Us	ns*: (Mark all that p Playgrounds State parks Fence	promote o	or impede recreational u C conservation lands ional forests p slopes	☐ Urban areas	☐ Campgrounds ☐ Stairs/walkway
rrounding Condition ms of interest.) City/county parks Boating accesses No trespass sign	ns*: (Mark all that p Playgrounds State parks Fence	promote o	or impede recreational u C conservation lands ional forests	☐ Urban areas ☐ Nature trails	☐ Campgrounds ☐ Stairs/walkway
rrounding Condition ns of interest.) City/county parks Boating accesses No trespass sign idence of Human Us	ns*: (Mark all that p Playgrounds State parks Fence	promote o	or impede recreational u C conservation lands ional forests p slopes	☐ Urban areas ☐ Nature trails ☑ Other: DfBRIS	☐ Campgrounds ☐ Stairs/walkway TAM
rrounding Condition ns of interest.) City/county parks Boating accesses No trespass sign idence of Human Us Roads	ns*: (Mark all that p □ Playgrounds □ State parks □ Fence Se*: □ Foot paths/prin	promote o	or impede recreational uncertain of conservation lands ional forests or slopes	□ Urban areas □ Nature trails ☑ Other: DfB/US □ Livestock Watering	☐ Campgrounds ☐ Stairs/walkway

): 5 h): 5 h): Yes lues should a	mensions: Length (ft): Length (ft): Length (ft): Dimensions: Length (ft): Length (ft): Length (ft): Gravel ant of vegetation of	20m 15,.0 20m	Avg. Depth (1) Avg. Depth (1) Avg. Depth (1) Estimated (ft) Avg. Depth (1) Avg. Depth (1) Avg. Depth (1) Avg. Depth (1) Estimated (ft)	ft): 0.47h ft): 24cc): Ame 3.25 ft): ft): 0.27h ft): 24cc): Ame	Max. Depth (f	ts Im t): (3): (5): (5): (1): (1): (1): (2): (2): (3): (4): (5): (7): (7): (8): (9): (9): (9): (1):
Yes Yes Yes Yes Yes Yes Yes Yes	Length (ft): Length (ft): Length (ft): No Dimensions: Length (ft): Length (ft): Length (ft): Gravel	20m 15,.0 20m	Avg. Depth (in Avg. Depth (in Estimated (ft ³)) Avg. Depth (in Avg. Depth (in Avg. Depth (in Estimated (ft ³))	ft): 0.47h ft): 24cc): Ame 3.25 ft): ft): 0.27h ft): 24cc): Ame	Max. Depth (f Max. Depth (f // Sm/s // Sm/s // Max. Depth (f Max. Depth (f Max. Depth (f	t): (.3m t): ts (m t): t): 0.5m
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Yes	□ No Dimensions: Length (ft): Length (ft): □ No dd up to 100%.) Gravel	15, . d 20m % Sand	Estimated (ft ²) Avg. Depth (factor) Avg. Depth (factor) Avg. Depth (factor) Estimated (ft ²)	1800): Ame (13,.25 ft): 0.27h ft): 0.27h ft): 4000): Ame	Max. Depth (f Max. Depth (f Max. Depth (f Max. Depth (f	t): ts Im t): t): 0.5m t):
Y Physical):): Yes lues should a	Dimensions: Length (ft): Length (ft): Length (ft): One of the property of	15, . 0 20m % Sand	Avg. Depth (i Avg. Depth (i Avg. Depth (i Estimated (ft ³	(1) (1) (1) (2) (1) (1) (1) (1) (1) (1) (1) (1) (1) (1	Max. Depth (f Max. Depth (f Max. Depth (f Max. Depth (f	t): t): 0.5m t):
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lues should a	dd up to 100%.) Gravel	% Sand		% Silt 4		% Bedrock
(note amou	Gravel					% Bedrock
CS*: (Mark a	all that apply.)					
☐ Sewage	☐ Musky	☐ Chei	mical	None	☐ Other:	
☐ Clear	L) Green	Gray	y	☐ Milky	☐ Other:	
□ Sludge	Solids So	Fine	sediments	□ None	☐ Other:	
□ Oil	☐ Scum	X Foar	m	□ None	☐ Other:	
be used sole ling of water use analysis ereby affi	ely for removal of conditions. Cons but may point to crm to the best	a recreation equently, thi conditions the	al use designa is information at need furthe owledge, th	ation but rather is not intended ar analysis or the	is to provide a more I to directly influence at effect another use nation reported	ee a
t	Clear	Clear Green Sludge Solids Oil Scum tach additional comments be used solely for removal of ing of water conditions. Consuse analysis but may point to dereby affirm to the best accurate.	Clear Green Gray Sludge Solids Fine Oil Scum Foar tach additional comments (including to be used solely for removal of a recreation ing of water conditions. Consequently, thi use analysis but may point to conditions the ereby affirm to the best of my known accurate.	Clear Green Gray Sludge Solids Fine sediments Oil Scum Foam Tach additional comments (including information be used solely for removal of a recreational use designating of water conditions. Consequently, this information use analysis but may point to conditions that need further ereby affirm to the best of my knowledge, the accurate.	Clear Green Gray Milky Sludge Solids Fine sediments None Oil Scum Foam None tach additional comments (including information from interplate to be used solely for removal of a recreational use designation but rathering of water conditions. Consequently, this information is not intended use analysis but may point to conditions that need further analysis or the ereby affirm to the best of my knowledge, that all informaccurate.	Clear Green Gray Milky Other: Sludge Solids Fine sediments None Other: Oil Scum Foam None Other: Cach additional comments (including information from interviews) to this for the used solely for removal of a recreational use designation but rather is to provide a more ing of water conditions. Consequently, this information is not intended to directly influence use analysis but may point to conditions that need further analysis or that effect another use ereby affirm to the best of my knowledge, that all information reported accurate.







Data Sheet B - Site Characterization

(A separate data sheet must be completed for each site)

Missouri WBID #: 64 -	REVISIT		Site Locat	ion Description Popo Choss =	n: «-	
Site GPS Coordinates:		79 Acc 34	6-316.	4 AND CLANS 3	····	
Date & Time: 03 - 13-0				ame: DEAPBO	AN WUTF	
Personnel: CHAO BAN	DOUR JERANY	ROBEET				
Current Weather Condition	ions: 420F, PART	LY CLOUT	Weather C	onditions for I	Past 7 days:	
Photo Ids: Upstream: 16			m: /633 B	Other:		
es Observed*:	T.	,				
☐ Swimming	☐ Skin diving		☐ SCUBA diving	□ Tu	hing	☐ Water skiing
☐ Wind surfing	☐ Kayaking		☐ Boating		ading	Rafting
☐ Hunting	☐ Trapping	-	Fishing (4)		one of the above	Other:
				prioto dobamie.	inmitted of Criticalice	of recreational uses, etc.
LOCATOD ON EDG	e or low ver	տանշել.	w),		•	
LOCATOO ON EDG	e or toward	v mode.	~) .			
LOCATOD ON EDG	\$ 0F 10W/(\	i mnijor,	~).			
LOCATOO ON EDG	e or toward	v mriock	~).			
rrounding Condition	ns*: (Mark all tha	t promot	e or impede recreati			·
rrounding Condition ns of interest.) □ City/county parks	ns*: (Mark all tha	t promot	e or impede recreati IDC conservation la	nds 🗹 Uı	ban areas	☐ Campgrounds
rrounding Condition	ns*: (Mark all tha	t promot	e or impede recreati IDC conservation la	nds 🗹 Uı		·
rrounding Condition ns of interest.) □ City/county parks	ns*: (Mark all tha	t promot	e or impede recreati IDC conservation la	nds 🗹 Uı	rban areas	☐ Campgrounds
rrounding Condition ns of interest.) City/county parks Boating accesses	ns*: (Mark all tha	t promot	e or impede recreati IDC conservation la	nds 🗹 Uı	rban areas	☐ Campgrounds
rrounding Condition ns of interest.) City/county parks Boating accesses No trespass sign	ns*: (Mark all tha	t promot	e or impede recreati IDC conservation la	nds Uu	rban areas	☐ Campgrounds
rrounding Condition ns of interest.) City/county parks Boating accesses No trespass sign idence of Human Us	ns*: (Mark all tha	t promot	e or impede recreati IDC conservation la ational forests teep slopes	nds Uu Na Ot	rban areas uture trails her:	☐ Campgrounds ☐ Stairs/walkway

Site Locations Map(s): Attach a map of entire segment with assessment sites clearly labeled. Mark any other items that may be of interest. (Include photographs)

TTR-03/18/05

September 29, 2004

Page 18

^{*}Some of this information is not intended to directly influence a decision on any one particular recreational use analysis but may point to conditions that need further analysis or that effect another use.

Page Two - Data Sheet B for WBID #64-Revisat :

September 29, 2004

Nax. Depth (ft): Quantum Length (ft): Quantum Avg. Depth (ft): Quantum Max. Depth (ft): Quantum Quantum Max. Depth (ft): Quantum Quantum Max. Depth (ft): Quantum Qua): 5 5 5 6
□ Pool Width (ft): Length (ft): Avg. Depth (ft): Max. Depth (ft) □ Flow Present? □ Yes □ No Estimated (ft³/sec): 4/1/2 1/3 1/3 1/4 2): 5 5 5 6
Downstream View Physical Dimensions: 0.13, 0.32, 0.30, 0.13, 0.12~ □ Riffle Width (ft): Length (ft): Avg. Depth (ft): Max. Depth (ft) □ Pool Width (ft): Length (ft): Avg. Depth (ft): Max. Depth (ft) □ Pool Width (ft): Length (ft): Avg. Depth (ft): Max. Depth (ft)):
Downstream View Physical Dimensions: 0.13, 0.32, 0.30, 0.13, 0.12~ □ Riffle Width (ft): Length (ft): Avg. Depth (ft): Max. Depth (ft) □ Pool Width (ft): Length (ft): Avg. Depth (ft): 0.20 Max. Depth (ft) □ Pool Width (ft): Length (ft): Avg. Depth (ft): Max. Depth (ft)):
□ Riffle Width (ft): Length (ft): Avg. Depth (ft): Max. Depth (ft) □ Run Width (ft): □ Length (ft): □ Avg. Depth (ft): ○ □ □ Max. Depth (ft) □ Pool Width (ft): Length (ft): Avg. Depth (ft): Max. Depth (ft)	
Image: Proof width (ft): All and Pool Width (ft): All and Pool Length (ft): Avg. Depth (ft): Avg. Depth (ft): Max. Depth (ft) □ Pool Width (ft): Length (ft): Avg. Depth (ft): Max. Depth (ft)	
☐ Pool Width (ft): Length (ft): Avg. Depth (ft): Max. Depth (ft)	1: a 32m
☐Flow Present? ☐ Yes ☐ No Estimated (ft³/sec): 4n=4s 4n=5s: 4n=4s	:
bstrate*: (These values should add up to 100%.))
15 % Cobble 50 % Gravel % Sand 5 % Silt 30 % Mud/Clay	% Bedroo
ter Characteristics*: (Mark all that apply.) Odor: □ Sewage □ Musky □ Chemical □ None □ Other:	
Color	
Color:	
Color	

Page 19







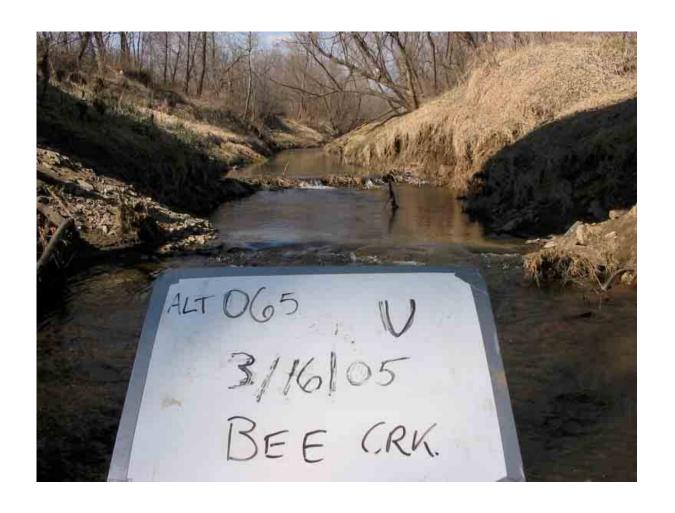
Data Sheet B - Site Characterization

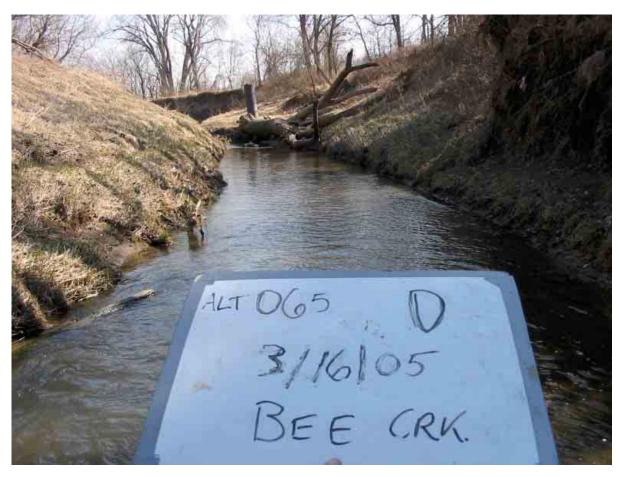
(A separate data sheet must be completed for each site)

Missouri WBID #: /\(\)			Site Location De	•	
Site GPS Coordinates: 3	39. 55685 H	194.78	8005 OFF OF 1	16 CROSSING L	OF DEARRYRY
	5/2:30pm		Facility Name:	DEOR BURN WWW	7
Personnel: NUR; AMC	<u> </u>		Permit Number:		
Current Weather Conditi	~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~			ions for Past 7 days:	
Photo Ids: Upstream: 9	3 9R 1125C DOV	vnstream:	92 ax 1624 Other	r: 9401626 = DEAD B	SHER
ses Observed*:		· · · · · · · · · · · · · · · · · · ·			
	☐ Skin diving		SCUBA diving	☐ Tubing	☐ Water skiing
☐ Wind surfing	☐ Kayaking		Boating	☐ Wading	☐ Rafting
Hunting AR	12 Trapping	- 159	(Fishing - A)	☐ None of the above	Other:
Describe: (include numb	er of individuals rec	reating, fr	requency of use, photo-	documentation of evidence	of recreational uses,
ASSILUED A	ETTUTTET	BAJE	Dow WCATI	CW + CONDITI	ron.
A .					
rrounding Condition	ns*: (Mark all that p	promote o	r impede recreational u	ses. Attach photos of evide	nce or unusual
rrounding Condition	ns*: (Mark all that p	promote o	r impede recreational u	ses. Attach photos of evide	nce or unusual
rrounding Condition ms of interest.) City/county parks	18*: (Mark all that p	1.	r impede recreational u	ses. Attach photos of evide	nce or unusual Campgrounds
ns of interest.)	1	□ мо		<u> </u>	☐ Campgrounds
ns of interest.) City/county parks	☐ Playgrounds	□ мо	C conservation lands	☐ Urban areas ☐ Nature trails	☐ Campgrounds ☐ Stairs/walkway
ns of interest.) ☐ City/county parks ☐ Boating accesses ☐ No trespass sign	☐ Playgrounds ☐ State parks ☐ Fence	☐ MD0	C conservation lands	☐ Urban areas	☐ Campgrounds ☐ Stairs/walkway
ns of interest.) City/county parks Boating accesses No trespass sign	☐ Playgrounds ☐ State parks ☐ Fence	☐ MDC	C conservation lands onal forests o slopes	☐ Urban areas ☐ Nature trails ☐ Other: NAN AUM	☐ Campgrounds ☐ Stairs/walkway
ms of interest.) □ City/county parks □ Boating accesses □ No trespass sign ridence of Human Us	☐ Playgrounds ☐ State parks ☐ Fence	☐ MDC	C conservation lands	☐ Urban areas ☐ Nature trails	☐ Campgrounds ☐ Stairs/walkway U (826 PHOU)
ms of interest.) □ City/county parks □ Boating accesses □ No trespass sign ridence of Human Us □ Rope swings	☐ Playgrounds ☐ State parks ☐ Fence	☐ MDC ☐ Nation ☐ Nation ☐ Nation ☐ Matrix	C conservation lands onal forests o slopes	☐ Urban areas ☐ Nature trails ☐ Other: NAN AUM	☐ Campgrounds ☐ Stairs/walkway [[SEE PHO]]
ms of interest.) □ City/county parks □ Boating accesses □ No trespass sign idence of Human Us □ Roads □ Rope swings	☐ Playgrounds ☐ State parks ☐ Fence e*: ☐ Foot paths/prin	□ MDC □ Nation Steep	C conservation lands onal forests o slopes Dock/platform	☐ Urban areas ☐ Nature trails ☐ Other: [YA] AWM	☐ Campgrounds ☐ Stairs/walkway [[SEE PHO]]
ms of interest.) □ City/county parks □ Boating accesses □ No trespass sign idence of Human Us □ Rope swings □ Other: Span	□ Playgrounds □ State parks □ Fence e*: □ Foot paths/prin □ Camping Sites	□ MDC □ Nation Steep	C conservation lands onal forests o slopes Dock/platform Fire pit/ring	☐ Urban areas ☐ Nature trails ☐ Other: NA) ALLIM ☐ Livestock Watering ☐ NPDES Discharge	☐ Campgrounds ☐ Stairs/walkway [(SEE PHOI) ☐ RV / ATV Trackle
ms of interest.) □ City/county parks □ Boating accesses □ No trespass sign idence of Human Us □ Rope swings □ Other: Span	□ Playgrounds □ State parks □ Fence e*: □ Foot paths/prin □ Camping Sites	□ MDC □ Nation □ Steep ints □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □	C conservation lands onal forests o slopes Dock/platform Fire pit/ring egment with assessr	☐ Urban areas ☐ Nature trails ☐ Other: [YA] AWM	☐ Campgrounds ☐ Stairs/walkway [(SEE PHOI) ☐ RV / ATV Trackle
ms of interest.) □ City/county parks □ Boating accesses □ No trespass sign ridence of Human Us □ Roads □ Rope swings □ Other: Spay the Locations Map(s): are items that may be of	☐ Playgrounds ☐ State parks ☐ Fence e*: ☐ Foot paths/prin ☐ Camping Sites ☐ Attach a map of of interest. (Included)	□ MDC □ Nation Steep ints □ C centire security securit	C conservation lands onal forests o slopes Dock/platform Fire pit/ring egment with assessr	☐ Urban areas ☐ Nature trails ☐ Other: [A] ALLM ☐ Livestock Watering ☐ NPDES Discharge ment sites clearly labele	☐ Campgrounds ☐ Stairs/walkway ☐ (SEE PLOTE) ☐ RV / ATV Trace ☐ Fishing Tackle ed. Mark any
ms of interest.) □ City/county parks □ Boating accesses □ No trespass sign idence of Human Us □ Rope swings □ Rope swings □ Other: Show the Locations Map(s): the items that may be one of this information is a point to conditions that r	Playgrounds Playgrounds Playgrounds Fence e*: Camping Sites Attach a map of of interest. (Included to direct deed further analysis	□ MDC □ Nation □ Steep Ints □ □ Continue set on the phote of that effects the continue set on the contin	C conservation lands onal forests o slopes Dock/platform Fire pit/ring egment with assessr tographs) nce a decision on any o	☐ Urban areas ☐ Nature trails ☐ Other: NAT ALLAN ☐ Livestock Watering ☐ NPDES Discharge ment sites clearly labele me particular recreational use	☐ Campgrounds ☐ Stairs/walkway ☐ (SEE PLOTE) ☐ RV / ATV Trace ☐ Fishing Tackle ed. Mark any

Stream Morphology: Upstream View Physical Dimensions: • ☐ Riffle Width (ft): Length (ft): Avg. Depth (ft): Max. Depth (ft): Length (ft): 20m Width (ft): Avg. Depth (ft): Max. Depth (ft): 05 X Run 1m Width (ft): Length (ft): Avg. Depth (ft): Max. Depth (ft): D Pool Estimated (ff. /sec): HVV Flow □ No Present? Yes 35 Im **Downstream View Physical Dimensions:** Width (ft): Length (ft): Avg. Depth (ft): ☐ Riffle Max. Depth (ft): Max. Depth (ft): 1 25 m 🛛 Run Width (ft): Length (ft): Avg. Depth (ft): Width (ft): Max. Depth (ft): Length (ft): Avg. Depth (ft): ☐ Pool Estimated Lft (sec) M Flow Present? X Yes □ No Substrate*: (These values should add up to 100%.) 公介 % Cobble % Gravel 25 % Sand % Silt % Mud/Clay % Bedrock Aquatic Vegetation*: (note amount of vegetation or algal growth at the assessment site) Water Characteristics*: (Mark all that apply.) Odor: ☐ Chemical None ☐ Sewage ☐ Musky ☐ Other: Color: K Gray ☐ Clear Creen ☐ Milky ☐ Other: **Bottom Deposit:** ☐ Sludge □ Solids Fine sediments ☐ None ☐ Other: Surface Deposit: □ Oil ☐ Scum ☐ Foam ☑ None ☐ Other: Comments: Please attach additional comments (including information from interviews) to this form. *This information is not to be used solely for removal of a recreational use designation but rather is to provide a more comprehensive understanding of water conditions. Consequently, this information is not intended to directly influence a decision on the recreation use analysis but may point to conditions that need further analysis or that effect another use. I, the undersigned, hereby affirm to the best of my knowledge, that all information reported on this UAA datasheet is true and accurate. Signed: Organization: navi Golfre

Page Two - Data Sheet B for WBID # Alt 665:







Data Sheet B - Site Characterization

(A separate data sheet must be completed for each site)

	(11 boparato		dot de complet	•			
Missouri WBID #: \(\int_{\rho}(\rho)			Site Location Description:				
Site GPS Coordinates:		<u> 14.89783</u>	1783 @ INTERSECTION OF 371.00				
Date & Time: 3-(6-0	5 13:00pm		Facility Name:	DEARBORN GWTP			
Personnel: AVR, MA			Permit Number:				
Current Weather Condit		1	Weather Conditi	ons for Past 7 days:			
Photo Ids: Upstream: 9	5 W 1627 DOW	vnstream: / 🎉	30les 96 Other	Γ:			
ses Observed*:		163	DC				
☐ Swimming	☐ Skin diving	□ sct	JBA diving	☐ Tubing	☐ Water skiing		
☐ Wind surfing	d surfing		ting	Wading AR	☐ Rafting		
Hunting AC	Trapping A	≷ Ç A Fish	ing^?	☐ None of the above	☐ Other:		
urrounding Conditio	ns*: (Mark all that p	promote or imp	pede recreational u	ses. Attach photos of evider	nce or unusual		
☐ City/county parks	☐ Playgrounds	☐ MDC cor	servation lands	☐ Urban areas	☐ Campgrounds		
☐ Boating accesses	☐ State parks	☐ National	forests	☐ Nature trails	☐ Stairs/walkway		
☐ No trespass sign	X Fence	Steep slop	pes	☐ Other:			
vidence of Human U	se*:	•					
☐ Roads	Foot paths/pri	nts 🗆 D	ock/platform	☐ Livestock Watering	☐ RV / ATV Track		
☐ Rope swings	☐ Camping Sites		re pit/ring	☐ NPDES Discharge	☐ Fishing Tackle		
Other: BB's F	RUM A BOLIU	u on TA	WK KED'S	PUT PRUT.			
ite Locations Map(s): her items that may be			ent with assessi	ment sites clearly labele	ed. Mark any		
·	not intended to direc	ctly influence a	aphs) a decision on any c	one particular recreational us	·		

P	ige Two – Da	ta Sheet B for \	WBID#	<u>6</u> :		-11-2 45.						
St	ream Morph	ology:	066		1	1m 35						
	_	iew Physical Di	mensions:	1.05, 1, 2,	(5.	in 35						
	☐ Riffle W	idth (ft):	Length (ft):	Avg. Depth	(ft):	Max. Depth (ft):						
	Run W	idth (ft):5m	Length (ft):	20m Avg. Depth	(ft): (), (2,r	Max. Depth (ft):	5, 2h					
	□ Pool W	idth (ft):	Length (ft):	Avg. Depth	(ft):	Max. Depth (ft):						
	Flow Pr	esent? Yes	□ No	Estimated (f	t³/sec)!	0.30m/s						
	Downstream View Physical Dimensions: 15, 15, 18, 09, 2 1 1 55											
	☐ Riffle W	,		Avg. Depth	(ft):	Max. Depth (ft):						
	Run W	idth (ft):5,5 h	Length (ft): ∂	Dm Avg. Depth	(ft): (), (5m	Max. Depth (ft):	0.25m					
	□ Pool W	idth (ft):	Length (ft):	Avg. Depth	(ft):	Max. Depth (ft):						
	X Flow Pr	esent? Yes	□ No	Estimated (f	itsec)[Am(-	0.23m/s						
G	- 1 - 4 4 - 34	,										
Su		obble 30.900 9		So % Sand 20	% Silt	% Mud/Clay	% Bedrock					
		Ame	<u> </u>			70 trade Oray	JO DOGIOCK					
A	uatic Vegeta	tion*: (note amo	ant of vegetation of	r algal growth at the asse	ssment site)	<u> </u>						
	Alga	e au Rak	ſ									
		, , , , , , , , , , , , , , , , , , ,	J									
w	ater Charact	eristics*: (Mark	all that annly)									
• •	Odor:	☐ Sewage	☐ Musky	☐ Chemical	None	□ Other:						
	Color:	Clear	☐ Green	Cray	☐ Milky	☐ Other:						
	Bottom Depos			Fine sediments	□ None	☐ Other:						
	Surface Depos		☐ Scum	☐ Foam	None	☐ Other:						
~				4 1 1 4								
C	omments: Ple	ase attach addit	ional comments	(including informati	ion from inte	rviews) to this form	i .					
				a recreational use design			•					
				equently, this informatio conditions that need furth								
		ned, nereby am ie and accurate		of my knowledge, t	hat all infori	nation reported or	n this UAA					
~~		1 Hele	•		aluli-							
Si	gned:	len lally		Date:	3116/05							
Or	ganization:	TE-BIT		Position	n: <u>Josev</u>	TIST T,						
	1	Ma	me de	touts	3-16-05							
	September	r 29, 2004				Pa	ge 19					



